



1

# SEQUENCE LISTING

<110> MOLLING, KARIN  
PAVLOVIC, JOVAN  
NAWRATH, MICHAEL

<120> PHARMACEUTICAL COMPOSITIONS FOR TREATING OR PREVENTING  
CANCER

<130> VOS-27

<140> 10/047,539

<141> 2002-01-15

<150> EP 01 10 0914.9

<151> 2001-01-16

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<170> PatentIn Ver. 2.1

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<211> 1881

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<221> CDS

<222> (1)..(1881)

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 Ser Tyr Thr Trp Asp Phe Gly Asp Gly Thr Gly Thr Leu Ile Ser Arg  
 260 265 270  
 Ala Leu Asp Val Thr His Thr Tyr Leu Glu Ser Gly Ser Val Thr Ala  
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 Pro Val Pro Gly Thr Thr Asp Gly Tyr Met Pro Thr Ala Glu Ala Pro  
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Ser Thr Glu Ser Ile Thr Gly Ser Leu Gly Pro Leu Leu Asp Gly Thr	
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Phe Glu Leu Thr Val Ser Cys Gln Gly Gly Leu Pro Lys Glu Ala Cys	
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&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 4

Met Asp Leu Val Leu Lys Arg Cys Leu Leu His Leu Ala Val Ile Gly
1 5 10 15

Ala Leu Leu Ala Val Gly Ala Thr Lys Val Pro Arg Asn Gln Asp Trp  
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 Leu Gly Val Ser Arg Gln Leu Arg Thr Lys Ala Trp Asn Arg Gln Leu  
                   35                  40                  45  
 Tyr Pro Glu Trp Thr Glu Ala Gln Arg Leu Asp Cys Trp Arg Gly Gly  
                   50                  55                  60  
 Gln Val Ser Leu Lys Val Ser Asn Asp Gly Pro Thr Leu Ile Gly Ala  
                   65                  70                  75                  80  
 Asn Ala Ser Phe Ser Ile Ala Leu Asn Phe Pro Gly Ser Gln Lys Val  
                   85                  90                  95  
 Leu Pro Asp Gly Gln Val Ile Trp Val Asn Asn Thr Ile Ile Asn Gly  
                   100                  105                  110  
 Ser Gln Val Trp Gly Gly Gln Pro Val Tyr Pro Gln Glu Thr Asp Asp  
                   115                  120                  125  
 Ala Cys Ile Phe Pro Asp Gly Gly Pro Cys Pro Ser Gly Ser Trp Ser  
                   130                  135                  140  
 Gln Lys Arg Ser Phe Val Tyr Val Trp Lys Thr Trp Gly Gln Tyr Trp  
                   145                  150                  155                  160  
 Gln Val Leu Gly Gly Pro Val Ser Gly Leu Ser Ile Gly Thr Gly Arg  
                   165                  170                  175  
 Ala Met Leu Gly Thr His Thr Met Glu Val Thr Val Tyr His Arg Arg  
                   180                  185                  190  
 Gly Ser Arg Ser Tyr Val Pro Leu Ala His Ser Ser Ser Ala Phe Thr  
                   195                  200                  205  
 Ile Thr Asp Gln Val Pro Phe Ser Val Ser Val Ser Gln Leu Arg Ala  
                   210                  215                  220  
 Leu Asp Gly Gly Asn Lys His Phe Leu Arg Asn Gln Pro Leu Thr Phe  
                   225                  230                  235                  240  
 Ala Leu Gln Leu His Asp Pro Ser Gly Tyr Leu Ala Glu Ala Asp Leu  
                   245                  250                  255  
 Ser Tyr Thr Trp Asp Phe Gly Asp Ser Ser Gly Thr Leu Ile Ser Arg  
                   260                  265                  270  
 Ala Pro Val Val Thr His Thr Tyr Leu Glu Pro Gly Pro Val Thr Ala  
                   275                  280                  285  
 Gln Val Val Leu Gln Ala Ala Ile Pro Leu Thr Ser Cys Gly Ser Ser  
                   290                  295                  300  
 Pro Val Pro Gly Thr Thr Asp Gly His Arg Pro Thr Ala Glu Ala Pro  
                   305                  310                  315                  320

Asn Thr Thr Ala Gly Gln Val Pro Thr Thr Glu Val Val Gly Thr Thr  
 325 330 335  
 Pro Gly Gln Ala Pro Thr Ala Glu Pro Ser Gly Thr Thr Ser Val Gln  
 340 345 350  
 Val Pro Thr Thr Glu Val Ile Ser Thr Ala Pro Val Gln Met Pro Thr  
 355 360 365  
 Ala Glu Ser Thr Gly Met Thr Pro Glu Lys Val Pro Val Ser Glu Val  
 370 375 380  
 Met Gly Thr Thr Leu Ala Glu Met Ser Thr Pro Glu Ala Thr Gly Met  
 385 390 395 400  
 Thr Pro Ala Glu Val Ser Ile Val Val Leu Ser Gly Thr Thr Ala Ala  
 405 410 415  
 Gln Val Thr Thr Thr Glu Trp Val Glu Thr Thr Ala Arg Glu Leu Pro  
 420 425 430  
 Ile Pro Glu Pro Glu Gly Pro Asp Ala Ser Ser Ile Met Ser Thr Glu  
 435 440 445  
 Ser Ile Thr Gly Ser Leu Gly Pro Leu Leu Asp Gly Thr Ala Thr Leu  
 450 455 460  
 Arg Leu Val Lys Arg Gln Val Pro Leu Asp Cys Val Leu Tyr Arg Tyr  
 465 470 475 480  
 Gly Ser Phe Ser Val Thr Leu Asp Ile Val Gln Gly Ile Glu Ser Ala  
 485 490 495  
 Glu Ile Leu Gln Ala Val Pro Ser Gly Glu Gly Asp Ala Phe Glu Leu  
 500 505 510  
 Thr Val Ser Cys Gln Gly Gly Leu Pro Lys Glu Ala Cys Met Glu Ile  
 515 520 525  
 Ser Ser Pro Gly Cys Gln Pro Pro Ala Gln Arg Leu Cys Gln Pro Val  
 530 535 540  
 Leu Pro Ser Pro Ala Cys Gln Leu Val Leu His Gln Ile Leu Lys Gly  
 545 550 555 560  
 Gly Ser Gly Thr Tyr Cys Leu Asn Val Ser Leu Ala Asp Thr Asn Ser  
 565 570 575  
 Leu Ala Val Val Ser Thr Gln Leu Ile Met Pro Val Pro Gly Ile Leu  
 580 585 590  
 Leu Thr Gly Gln Glu Ala Gly Leu Gly Gln Val Arg Leu Ile Val Gly  
 595 600 605  
 Ile Leu Leu Val Leu Met Ala Val Val Leu Ala Ser Leu Ile Tyr Arg  
 610 615 620

Arg Arg Leu Met Lys Gln Asp Phe Ser Val Pro Gln Leu Pro His Ser  
 625 630 635 640

Ser Ser His Trp Leu Arg Leu Pro Arg Ile Phe Cys Ser Cys Pro Ile  
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Gly Glu Asn Ser Pro Leu Leu Ser Gly Gln Gln Val  
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